

ABSTRACT OF THE DISCLOSURE

A communication system able to smoothly provide services and make requests for services even when the communication link is not constantly connected. The communication system includes a user node, a corresponding node, and a relay node constantly connected to the corresponding node. The relay node acts as proxy for the user node to transmit signals to or receive signals from the corresponding node. The relay node and the user node act as a virtual node with respect to the corresponding node, and the virtual node is identified by the address of the relay node.